REMARKS

The Decision on Appeal dated July 26, 2011 has been received and carefully noted. The above amendments to the claims, the following remarks, and the attached Request for Continued Examination (RCE) are submitted as a full and complete response thereto.

Claims 60, 63-66, 70, 71, 74, 77-80, 84, 85, and 88-93 have been amended to more particularly point out and distinctly claim the subject matter of the invention. Claims 61, 62, 68, 75, 76, and 82 have been cancelled without prejudice or disclaimer. No new matter has been added. Claims 60, 63-67, 69-74, 77-81, and 83-93 are currently pending in the application and are respectfully submitted for consideration.

Claims 60-63, 66-77, 80-87, and 90-93 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,697,806 of Cook ("Cook"). Applicants respectfully submit that the present claims recite subject matter which is neither disclosed nor suggested by Cook, as will be discussed below.

Claim 60, upon which claims 61-73 are dependent, recites a method which includes receiving a request from a terminal for a specified service to be at the disposition of the terminal. The terminal is configured to perform communication via at least one communication network, and each network is equipped with service processing entities. The method further includes analyzing the request by an analyzing entity associated with the at least one communication network. The analyzing entity is configured to be associable with a plurality of communication networks. The method also includes

deciding, by the analyzing entity, that the requested specified service is associated with a specific one of the service processing entities of a specific one of the at least one communication network. In response to the decision, routing communication messages associated with said terminal via said analyzing entity to said specific one of said service processing entities within said specified communication network. The requesting of the specified service includes indicating said specified service in the request, and the indicating of the specified service includes carrying a service identifier in the request message. The method then also includes configuring the service identifier to include a network code and a service code.

Claim 74, upon which claims 75-89 are dependent, recites a system including a request unit, at a terminal, configured to request a specified service to be at a disposition of said terminal. The terminal is configured to perform communication via at least one communication network, and each network is equipped with service processing entities. The system also includes an analyzing entity associated with said at least one communication network configured to analyze the request, and configured to be associable with a plurality of communication networks. The system further includes a decision unit, at the analyzing entity, configured to decide that the requested specified service is associated with a specific one of the service processing entities of a specific one of the at least one communication network. The system also includes a routing unit, responsive to the decision unit, configured to route communication messages associated with the terminal via the analyzing entity to the specific one of the service processing

entities within the specified communication network. The request unit is configured to indicate the specified service in a request message, and the request unit is configured to indicate the specified service by a service identifier carried in the request message. The service identifier includes a network code and a service code.

Claim 90 recites an analyzing entity including a receiver configured to receive a request for a specified service to be at a disposition of a terminal. The terminal is configured to perform communication via at least one communication network, and each network is equipped with service processing entities. The analyzing entity further includes a processor configured to analyze the request, and a decider configured to decide whether the requested specified service is associated with a specific one of the service processing entities of a specific one of the at least one communication network. The analyzing entity also includes a router, configured, in response to a decision of the decider, to route communication messages associated with the terminal to the specified service processing entity within the specified communication network. The analyzing entity is associated with said at least one communication network, and configured to be associable with a plurality of communication networks. The request is configured to indicate the specified service by a service identifier carried in the request, and the service identifier includes a network code and a service code

Claim 91 recites a terminal including requesting means for sending a request that a specified service to be at a disposition of the terminal to an analyzing entity associated with the at least one communication network for analyzing the request. The analyzing

entity is configured to be associable with a plurality of communication networks and configured to decide that the specified service is associated with a specific one of the service processing entities of a specific one of the at least one communication network. The terminal also includes sending means for sending messages regarding the specified service to the specific service processing entity within the specified communication network via the analyzing entity, when the request has been routed to the specific service processing entity by the analyzing entity. The terminal is configured to perform communication via at least one communication network, the network being equipped with service processing entities. The request is configured to indicate the specified service by a service identifier carried in the request, and the service identifier includes a network code and a service code

Claim 92 recites a system, which includes requesting means, at a terminal, for requesting a specified service to be at a disposition of said terminal, wherein said terminal is configured to perform communication via at least one communication network, each network being equipped with service processing entities. The system also includes an analyzing entity associated with said at least one communication network for analyzing said request, said analyzing entity configured to be associable with a plurality of communication networks. The system further includes deciding means, at said analyzing entity, for deciding that said requested specified service is associated with a specific one of said service processing entities of a specific one of said at least one communication network, and routing means, responsive to said decision for routing

communication messages associated with said terminal via said analyzing entity to said specific one of said service processing entities within said specified communication network. The request is configured to indicate the specified service by a service identifier carried in the request, and the service identifier includes a network code and a service code

Claim 93 recites a terminal including a requesting entity configured to send a request that a specified service to be at a disposition of the terminal to an analyzing entity associated with said at least one communication network for analyzing the request, said analyzing entity configured to be associable with a plurality of communication networks and configured to decide that the specified service is associated with a specific one of the service processing entities of a specific one of the at least one communication network. The terminal also includes a sending entity configured to send messages regarding the specified service to the specific service processing entity within the specified communication network via the analyzing entity, when the request has been routed to the specific service processing entity by the analyzing entity. The terminal is configured to perform communication via at least one communication network, the network being equipped with service processing entities. The request is configured to indicate the specified service by a service identifier carried in the request, and the service identifier includes a network code and a service code

As a result, embodiments of the claimed invention provide a number of distinct advantages. For instance, certain embodiments offer the flexibility for end users to

choose any service provider (and/or network) on a registration basis or a service (call) initiation basis. This flexibility is important where there are multiple operators or service providers. Embodiments of the claimed invention also offer flexibility for service providers to offer specific services to selected groups of subscribers. Further, an embodiment provides for easier service creation. New services can be created within a service provider's network and, by the use of a specific service identifier used by the application or service on the end user's terminal, the service can be handled or controlled as per the new service definition.

As will be discussed below, Cook fails to disclose or suggest all of the elements of the claims, and therefore fails to provide the advantages and features discussed above.

Cook discloses an access communication system which provides access between a user system and a plurality of communication networks. The plurality of communication networks provide services to a user in the user system. An access communication system includes a local database system and an access server that is connected to the user system and the plurality of communication networks. The local database system receives a user logon. The local database system then processes the user logon to determine if the user is allowed access to the access communication system based on a local database system. The local database system then provides access to the access communication system to the user in response to the determination that the user is allowed access based on the local database system. The local database system then generates an authorization query for a second database system external to the local database system in response to the

determination that the user is not allowed access based on the local database system. The local database system receives and processes an authorization response indicating whether the user is allowed to use the access system from the second database system. The local database system then provides access to the access communication system to the user in response to the authorization response that allows the user to use the access communication system.

Applicants respectfully submit that Cook fails to disclose or suggest all of the elements of the claims. For example, Cook fails to disclose or suggest, at least, "wherein the indicating said specified service comprises carrying a service identifier in said request message; and configuring said service identifier to comprise a network code and a service code," as recited in claim 60 and the similar limitations recited in claim 74. Similarly, Cook fails to disclose or suggest, at least, "wherein said request is configured to indicate said specified service by a service identifier carried in said request, and wherein said service identifier comprises a network code and a service code," as recited in claims 90-93.

According to embodiments of the present invention, the request message from the terminal includes a service identifier. The service identifier includes a network code and a service code. The network code represents one of the communication networks. The service code represents a respective one of the services or service profiles identifying a set of services to be processed at the corresponding service processing entity. *See* Specification, pages 11-12.

In contrast, Cook does not disclose or suggest a service identifier that includes a network code and a service code. Cook only discloses generating a service request with a user session ID and a service session ID, if available (Cook, column 17, lines 30-37). The service session ID is the destination IP address (Cook, column 17, lines 61-62). Clearly, the user session ID does not correspond to the claimed network code or the claimed service code. Further, Cook does not disclose or suggest that its session ID includes a network code and a service code. Therefore, Cook fails to disclose or suggest a service identifier that includes a network code and a service code.

Thus, Cook fails to disclose or suggest, at least, "wherein the indicating said specified service comprises carrying a service identifier in said request message; and configuring said service identifier to comprise a network code and a service code," as recited in claim 60 and the similar limitations recited in claim 74. Similarly, Cook fails to disclose or suggest, at least, "wherein said request is configured to indicate said specified service by a service identifier carried in said request, and wherein said service identifier comprises a network code and a service code," as recited in claims 90-93. Accordingly, Applicants respectfully request that the rejection of claims 60, 74, and 90-93 be withdrawn.

Claims 63, 66, 67, 69-73, 76, 77, 80, 81, and 83-87 are dependent upon claims 60 and 74, respectively. Consequently, claims 63, 66, 67, 69-73, 76, 77, 80, 81, and 83-87 should be allowed for at least their dependence upon claims 60 and 74, and for the specific limitations recited therein.

Claims 64-65 and 78-79 were rejected under 35 U.S.C. 103(a) as being unpatentable over Cook in view of U.S. Patent Application Publication No. 2003/0041146 of Davis et al. ("Davis"). The Office Action took the position that Cook discloses all of the elements of the claims, with the exception of the identifier being carried in the header of the request message. The Office Action then cited Davis as allegedly disclosing this element of the claims. Applicants respectfully submit that the present claims recite subject matter which is neither disclosed nor suggested by the cited prior art, as will be discussed below.

Cook is discussed above. Davis is directed to connection allocation technology. Davis aims to overcome network difficulties by providing intelligent, high speed connection allocation.

Claims 64-65 depend from claim 60, and thus are patentable for at least the reasons claim 60 is patentable. Claims 78-79 depend from claim 74, and thus are patentable for at least the reasons claim 74 is patentable. In particular, as discussed above, Cook fails to disclose or suggest all of the elements of claims 60 and 74. Moreover, Davis does not remedy the deficiencies of Cook. Davis, as mentioned above, aims to overcome network difficulties by providing intelligent, high speed connection allocation. Accordingly, Davis does not address the features described above, with respect to which Cook is deficient. Thus, it is respectfully requested that this rejection be withdrawn.

Claims 88-89 were rejected under 35 U.S.C. 103(a) as being unpatentable over Cook in view of U.S. Patent Application Publication No. 2003/0005132 of Nguyen et al. ("Nguyen"). Applicants respectfully submit that the present claims recite subject matter which is neither disclosed nor suggested by the cited prior art, as will be discussed below.

Cook is discussed above. Nguyen is directed to distributed service creation and distribution. Nguyen, in response to receiving a query for a particular service, identifies a provider of the particular service to the network connected device by a director service utility. The network connected device may then contact the service provider directly and receive an application (i.e. an executable file) for accessing the particular data network service.

Claims 88-89 are dependent upon claim 74. As discussed above, Cook fails to disclose or suggest all of the elements of claim 74. Furthermore, Nguyen does not cure the deficiencies in Cook as Nguyen also fails to disclose or suggest the features of the invention discussed above. As such, the combination of Cook and Nguyen does not disclose or suggest all of the elements of claims 88-89.

For at least the reasons discussed above, Applicants respectfully submit that the cited prior art fails to disclose or suggest all of the elements of the claimed invention. These distinctions are more than sufficient to render the claimed invention unanticipated and unobvious. It is therefore respectfully requested that all of claims 60, 63-67, 69-74, 77-81, and 83-93 be allowed, and this application passed to issue.

If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the applicant's undersigned representative at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not being timely filed, the applicant respectfully petitions for an appropriate extension of time. Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account 50-2222.

Respectfully submitted,

/Majid S. AlBassam/

Majid S. AlBassam
Registration No. 54,749

Customer No. 32294
SQUIRE, SANDERS & DEMPSEY (US) LLP
14TH Floor
8000 Towers Crescent Drive
Vienna, Virginia 22182-6212
Telephone: 703-720-7800
Fax: 703-720-7802

MSA:jf

Enclosures: Request for Continued Examination (RCE)